Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 17 Apr 2023 until 23:59 on Tuesday 18 Apr 2023

Forecast Issued on Sunday 16 Apr 2023 at 13:58

Confidence: High confidence for largely settled conditions the next few days. Lower for cloud details, and for any precipitation from Wednesday.

Headline for Monday 17 Apr 2023: Cloudy start, sunny spells later.

Mountain weather hazards on Monday 17 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG				MIST
Fog	Fog	Fog	Fog	Cloudy	Sunny intervals	Sunny intervals	Mist
Precipitation probability							
20%	30%	20%	10%	00%	00%	00%	10%

Forecast for Monday 17 Apr 2023

Weather: Widespread cloud with outbreaks of mostly light rain and drizzle through the early hours. Low cloud and perhaps some drizzle continuing into the morning, but cloud slowly thinning. Becoming dry by late morning, with sunny spells developing for the afternoon. Further low cloud moving into eastern parts of the Park during the evening.

Chance of cloud-free hill tops above 600m: 10% becoming 100% by early afternoon. Becoming 30% in the east by late evening.

Low Cloud and visibility: Widespread low cloud at first, with bases 300-400m. Cloud lifting and breaking during the morning, with periods of cloud above the hilltops for the afternoon. Areas of cloud with bases 300-400m in the east of the Park by late evening. Visibility will be poor in drizzle or very poor in cloud covering the hills. Becoming mostly good for the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Monday 17 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/4 S	3/5 E	3/6 E	6/10 SE	8/12 SE	8/13 SE	7/11 E	8/14 E	9/14 E
300	1/3 E	2/4 NE	3/5 E	5/9 SE	7/12 SE	8/14 SE	5/11 SE	6/14 E	6/15 E
Valley	2/3 E	3/5 E	3/7 E	4/9 SE	7/12 SE	7/13 SE	4/10 E	7/14 E	7/14 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/6	7/6	7/6	7/6	8/6	9/7	9/7	5/2	3/-1
300	8/8	8/8	8/8	10/8	11/9	12/10	11/10	7/5	5/2
Valley	9/9	9/9	10/9	11/10	13/11	14/13	13/12	9/7	6/4
Freezing Level*	2200m	2200m	2100m	2100m	2000m	2000m	1700m	1500m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A day for layers. Cloudy and damp at first, but some spells of strong sunshine for the afternoon, although temperatures will remain chilly at height. Note deteriorating conditions in the east during the evening as cloud moves in.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 16 Apr 2023	0mm	3.2mm	10.6mm

Forecast for Tuesday 18 Apr 2023

Weather: Areas of low cloud overnight, mainly in the east of the Park, with some drizzle possible. Low cloud clearing by mid-morning to leave a dry day with little cloud giving strong sunshine. Some patchy low cloud perhaps re-developing in eastern parts during the evening. Becoming breezy, with gusty winds possible at height and on downslopes in the west.

Maximum wind: East or northeast 20-25 mph, gusting 30-35 mph.

Chance of cloud-free hill tops above 600m: 30%, becoming 100% by mid-morning. Becoming 60% during the evening.

Low Cloud and visibility: Widespread low cloud at first, with bases 300-500m. Cloud lifting and breaking by mid-morning. Periods of cloud with bases 300-400m in the east of the Park by late evening. Visibility will be poor in drizzle or very poor in cloud covering the hills. Becoming mostly good by mid-morning.

Temperature: **Valleys:** Plus 3 Celsius becoming plus 13 Celsius by mid-afternoon
At 600m: Plus 4 or 5 Celsius
Freezing level: Above the hilltops

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